

**WASTEWATER INFRASTRUCTURE WORKGROUP**  
**Formed Under the**  
**Arroyo Colorado Watershed Steering Committee**

Meeting Summary - Thursday, February 21, 2006

**ATTENDING WORK GROUP COMMITTEE MEMBERS**

Lorenzo Barrera – City of Mission  
Emilio – City of Mission  
Brian Noble – TCEQ  
Loretta Mokry – Alan Plummer Associates, Inc.  
Jose A. Villescás – City of Alamo  
David Garza – City of Pharr  
Darrell Gunn – Harlingen Waterworks System  
DJ Davis – TCEQ Region 15  
Neil Haman – TWDB  
Roger Miranda – TCEQ  
Laura De La Garza – Texas Sea Grant

**WELCOME/INTRODUCTIONS**

Laura De La Garza, Watershed Coordinator for the Arroyo Colorado Watershed Partnership opened the meeting at 10:00 am in the Rio Red Classroom of the Texas A&M Kingsville Citrus Research Center. Introductions were made and Laura then announced a change in agenda schedule.

Brian Noble presented the “Clean Texas Greenscapes” program to the group. Next Laura presented the wastewater infrastructure implementation plan matrix to the group. She explained that the matrix was developed from the draft Pollution Reduction Plan. The following measures were discussed.

Task 1. Assist cities/WWTF with 30/90 permits in achieving 10/15 permit limits

Task 2. Assist cities/WWTF with 20/20 permits in achieving 10/15 permit limits

Task 3. Recognize the facilities meeting 10/15 limits with a celebration/pachanga

Task 4. Increase wastewater and surface water infrastructure development for colonias

Task 5. Design and construct individual enhanced biological treatment projects such as polishing ponds and constructed wetlands

Task 6. Design and construct regional enhanced biological treatment projects such as constructed wetlands systems greater than 300 acres

Task 7. Better characterize the loading of nutrients from the WWTFs to the Arroyo Colorado with additional monitoring

Task 8. Assess the pollutant removal effectiveness of the enhanced treatment projects.

Roger Miranda distributed the DRAFT copies of the “Pollutant Reduction Plan for the Arroyo Colorado Segment 2201 and 2202 Hidalgo, Cameron, and Willacy Counties”. Participants were asked to review the document and provide comments. Elements of the plan includes:

- Detailed Description of Load Reduction Measures
- Load Reduction Estimates
- Resource Needs
- Monitoring
- Implementation Schedule
- Milestones and Measures of Success
- Storm Water

Roger also distributed graphs showing the expected reductions in loading of BOD (9.86%), total nitrogen (11.31%), total phosphorus (12.63%), and total suspended sediment (18.82%) under the Arroyo Colorado WPP.

There was question concerning the frequency of sampling required for the additional monitoring requirements. It was stated that the frequency for the additional monitoring of nutrients and bacteria would correspond to sampling frequency already required.

The meeting was adjourned at 12 noon.